

Job: _____

Engineer: _____

Contractor: _____

Prepared By: _____ Date: _____

Model: _____ Indoor/Outdoor: _____

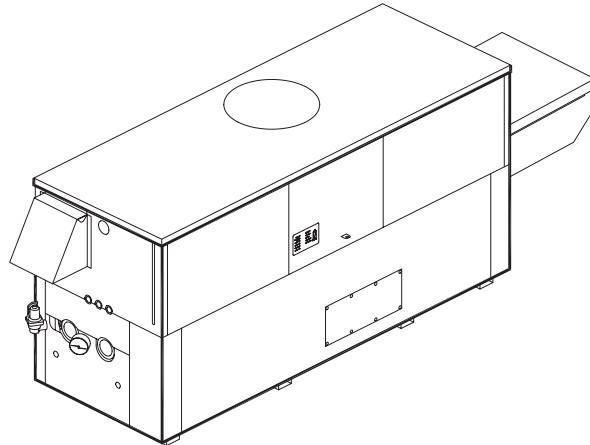
Hi Delta® - Type H

Hydronic Heating Boiler
Models 992BE-2342BE

87% Efficiency

MBTUH Input: _____

- ♦ 100% Factory Fire Tested
- ♦ Efficiency: 87%
- ♦ Maximum Outlet Temperature: 230°F
- ♦ Minimum Non-Condensing Inlet Temperature: 120°F
- ♦ Thermal Shock Proof Heat Exchanger
- ♦ Limited Twenty-Year Thermal Shock Warranty
- ♦ Limited Ten-Year Closed-System Heat Exchanger Warranty
- ♦ Diagnostic Center with Fault History
- ♦ PolyTuf Powder Coated Cabinet
- ♦ No Combustible Floor Shield Required
- ♦ Fan-Assisted
- ♦ Patented Burner Security Blanket



Heat Exchanger

- H Stamp
- Headers
 - Glass-Lined Cast Iron – Standard
 - Bronze – Option A-1
- ASME Inspected and Stamped 160 PSIG Working Pressure
- National Board Approved
- Fin Tubing
 - Copper – Standard
 - Cupro Nickel – Option A-3
- ASME Steel Tube Sheet
- Silicone High Temp. O-Rings
- ASME Pressure Relief Valve
 - 60 PSIG – Standard
 - ____ PSIG – Optional
- Temperature and Pressure Gauge
- Water Connections
 - Left – Standard
 - Right – Option A-6

Controls

- 120V, 60Hz, 1Ø Power Supply
- 120/24V 60Hz Transformer
- 100% Shut-Off/Lockout
- Hot Surface Ignition
- Remote Flame Sensor
- High Limit Control, Manual Reset
- On/Off Power Switch
- Manual Shut-Off, Front-Mounted Flow Switch
- Blocked Vent Pressure Switch
- Combustion Air Proving Switches
- Economaster Pump Time Delay
- Enable/Disable

Gas Train

- Manual Gas Shut-Off Valve(s)
- Gas Pressure Regulator
- Safety Shut-Off Valve
- Firing Control Valve
- Low Gas Pressure Switch, Manual
- Firing Mode
 - 3-Stage (H8): Model 992BE
 - 4-Stage (H9): Models 1262BE - 2342BE
- Fuel
 - Natural Gas
 - Propane Gas
 - 4" WC Gas Supply Pressure G-20
- Design Certified ANSI Z21.13/ CSA 4.9

Construction

- Indoor/Outdoor Construction
- Enclosed Front Controls

Venting

- Vent Location
 - Top – Standard
 - Rear – Option D-14
- Vent Termination Cap
 - Outdoor D-11
 - Indoor, Horizontal D-15
 - Indoor, Vertical (by others)
- Combustion Air
 - In-Line Filter Kit (TruSeal only) D-17
 - Air Intake Elbow D-16
- Extractor – Optional
 - By others
 - Not required

Burner

- Ultra-Low NOx: Less than 30 PPM

Temperature Controls

- B-__ TempTracker Digital Controller, 4-Stage
- Y-241 Electronic Sequencer, 4-Stage
- Y-281 Electronic Sequencer, 8-Stage

Options

- C-6 Ignition Module, Manual Reset
- D-21 TruSeal® Direct Vent
- F-10 Low Water Cut-Off, Remote Probe
- I-1 High Limit Control, Auto Reset
- P-__ Pump: ____ HP, 120V, 1Ø, 60Hz

Water Hardness: ____ GPG

- Cast Iron Bronze
- Mounted Loose
- Front Rear

P-26 Cold Water Start (See 2000.49)

S-2 High Gas Pressure Switch, Manual

X-1 SureRack™ Kit

X-2 SureRack Add-on

Regulatory Agency Requirements

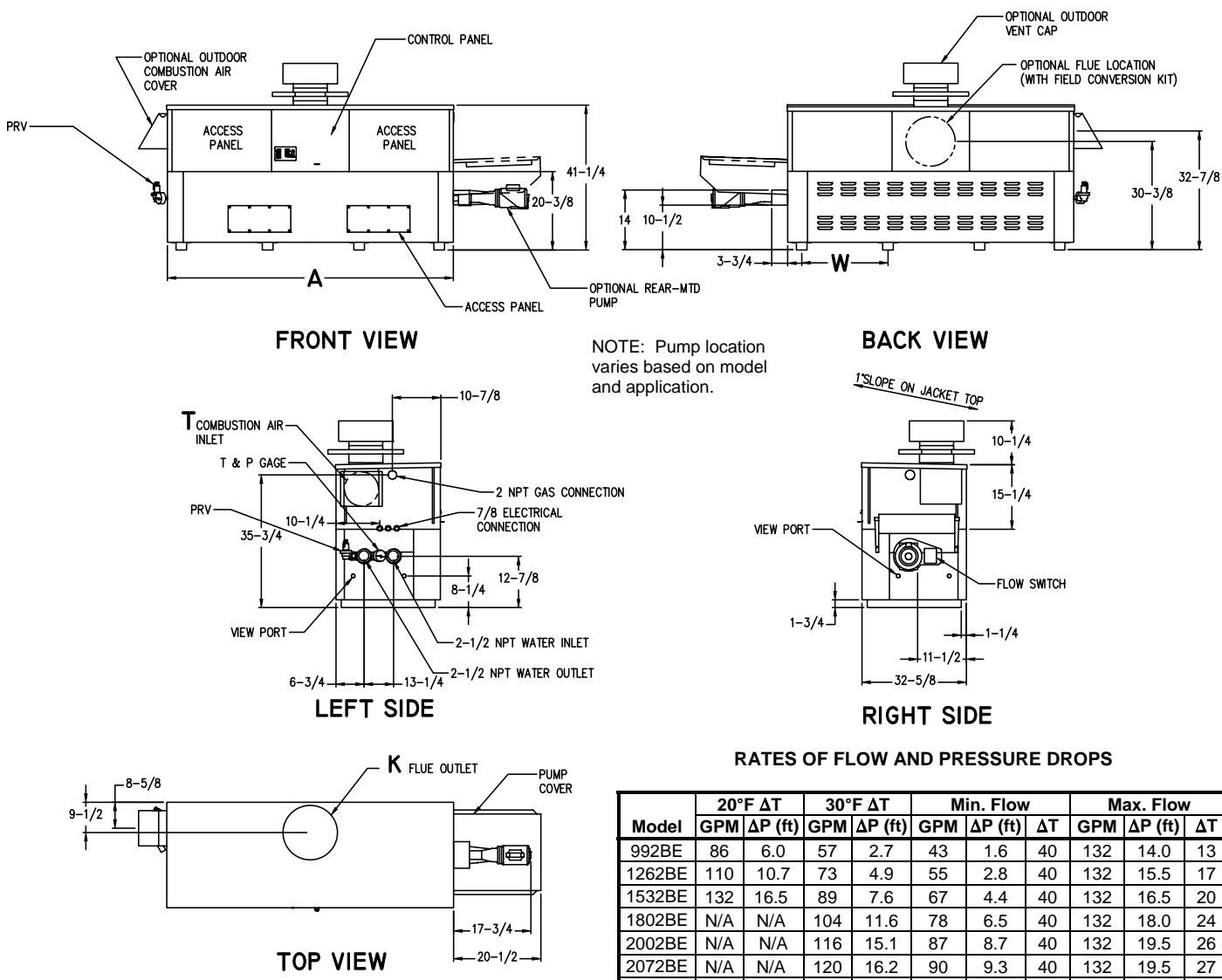


Raypak®
A Rheem® Company

Hi Delta – Type H

Models 992BE-2342BE, 87% Efficiency

Model _____



Basis is 30 GPM or 40°F ΔT for minimum flow, 132 GPM for maximum flow.

SPECIFICATIONS

Model	MBTUH		Firing Stages	A Width	H NPT	K	T	W	Amp. Draw*	Approx. Shipping Wt. (Lbs.)
	Input	Output								
992BE	990	861	3	57-1/8	2-1/2	10	10	16-13/16	<12	900
1262BE	1260	1096	4	68-1/2	2-1/2	12	10	20-9/16	<12	1010
1532BE	1530	1331	4	79-7/8	2-1/2	12	10	24-3/8	<12	1225
1802BE	1800	1566	4	91-1/8	2-1/2	14	10	28-1/8	<12	1350
2002BE	1999	1739	4	102-1/2	2-1/2	14	10	31-15/16	<12	1450
2072BE	2070	1801	4	102-1/2	2-1/2	14	10	31-15/16	<12	1450
2342BE	2340	2036	4	113-7/8	2-1/2	16	10	35-11/16	<12	1520

Dimensions are in inches.

* Without pump

- NOTES: 1. Rates shown are for natural or propane gas, and elevations up to 5,000 feet. For installation above 5,000 feet, please contact manufacturer.
2. Required natural gas pressure is 7 – 10.5" WC. Required propane gas pressure is 11 – 13" WC.

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